

Biobased Products and Bioenergy Research FY 2007

- Estimated Program Budget of 5.4 Million
- Proposals not meeting stated program priorities will be returned
- Letters of Intent – November 8, 2006

Dr. Chavonda Jacobs-Young

National Program Leader

Competitive Programs

Phone: 202-401- 6188

Email: cjacobs@csrees.usda.gov

www.csrees.usda.gov

Biobased Products and Bioenergy Research Program Statistics – FY 2006

- 139 Proposals Submitted
- 16 Awards
 - 12 Standard Awards
 - 1 New Investigator Award
 - 1 Seed Award
 - 1 Equipment Award
- 9.8% Success Rate
- Average Award Size of \$385,000
- Average Award Duration of 3 years

Biobased Products and Bioenergy Research FY 2007 Priorities

- Development of technologies for the biological conversion of agricultural & forestry biomass to high value biobased industrial products and fuels
- Development of cost effective biocatalyst capable of converting lignocellulosic materials economically, effectively and with low environmental impact
- Innovative non-food uses for agricultural and forestry residuals and under-utilized co-products for the sustainable production of value-added industrial products and fuels

IMPROVING FOOD QUALITY & VALUE PROGRAM STATISTICS - FY 2006

- 132 Proposals Submitted to 71.1 (program code)
- 27 Awards (TOTAL)
 - 17 Standard Award
 - 0 New Investigator Award
 - 2 Seed Award
 - 3 Equipment Award
- 14.49% Success Rate
- Average Award Size of \$278,011
- Average Award Duration of 2.52 years (30 months)

IMPROVING FOOD QUALITY & VALUE

NEAR TERM GOALS (1-3 years)

- Mechanisms of interaction of macromolecular food components
- Engineering principles of innovative processing technologies
- Effect of processing on the bioavailability of health components in foods

IMPROVING FOOD QUALITY & VALUE

FY 2007

- Estimated program budget....\$ 6.5 Million
- Basic research and Integrated approach
- Highly focused priority areas
- Proposals not meeting the stated priorities will be returned

Questions? Please Contact:

Ram Rao

National Program Leader

Phone: 202-401-6010

rrao@csrees.usda.gov

Hongda Chen

National Program Leader

Phone: 202-401-6497

hchen@csrees.usda.gov

We encourage you discuss the topic with us about its suitability to the program!

WWW.CSREES.USDA.GOV

Nanoscale Science and Engineering for Agriculture and Food Systems

Goals / Priorities

- Research
 - Fundamental research of biological systems and materials in which nanostructures exhibit novel properties
 - Nanoscale detection and intervention mechanisms
 - Novel targeted delivery and controlled release mechanisms
 - Nanobased ID preservation and tracking mechanisms

Significant Changes For FY 2007

- **Nanoscale Science and Engineering for Agriculture and Food Systems program will not be soliciting proposals in 2007.**
- **Resources will be pooled for FY 2008, allowing for program funding of \$5 million**

Funding Statistics

(2005-2006)

- Proposals submitted:
 - 2005: 66
 - 2006: 65
- Awards made:
 - 2005: 7
 - 2006: 12
- % success:
 - 2005: 11%
 - 2006: 18%
- Average award size/duration:
 - 2005: \$357,142/2.7 years
 - 2006: \$208,333/1.8 years

Contacts

Dr. Hongda Chen

National Program Leader

Phone: 202-401-6497

E-mail: hchen@csrees.usda.gov

Karen Hunter

Program Specialist

Phone: (202) 401-6825

E-mail: khunter@csrees.usda.gov

www.csrees.usda.gov